

PRINT PRINT	? X
PRINTER NAME: \$\alpha\text{\bounllante\times}\$ STATUS: DLE Type: Xerox 4517 Postscript Level 2 where Times. Grenoble xrce xerox.co Comment: Xerox n2125 bew duplex - Le co	
PAGE RANGE ALL CURRENT PAGE SELECTION PAGES: ENTER PAGE NUMBERS AND/OR PAGE RANGES SEPERATED BY COMMAS. FOR EXAMPLE 1,3,5-12	COPIES NUMBER OF COPIES: COLLATE 806
ENRICHMENT PERSONALITY: BUSINESS APPLY ENRICHMENT TO: ALL CURRENT PAGE PAGES:	O SELECT A PERSONALITY FOR ME INSERT ENRICHMENT AS: © LINKS O CONTENT OPTIONS
808 PRINT WHAT: DOCUMENT PRINT: ALL PAGES IN RANGE OPTIONS	ZOOM 802 870 PAGES PER SHEET: 1 PAGE SCALE TO PAPER SIZE: NO SCALING OK CANCEL
FIG	800

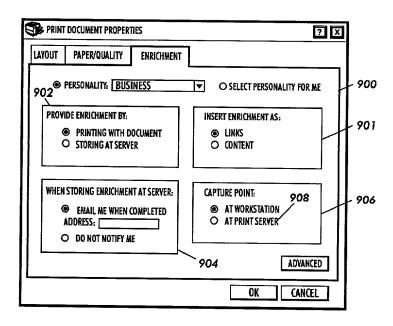
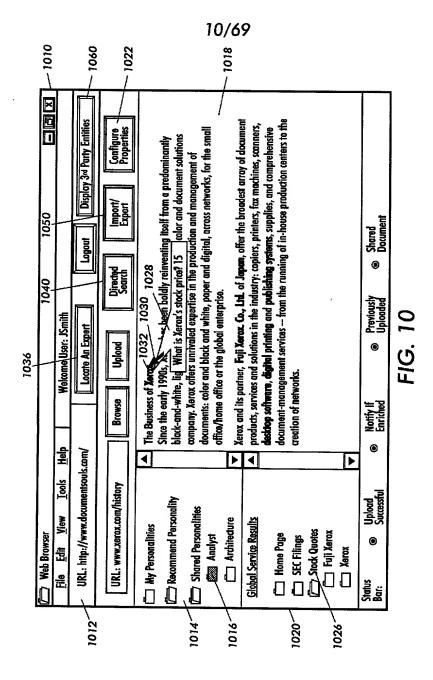


FIG. 9



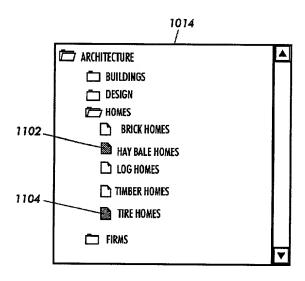


FIG. 11

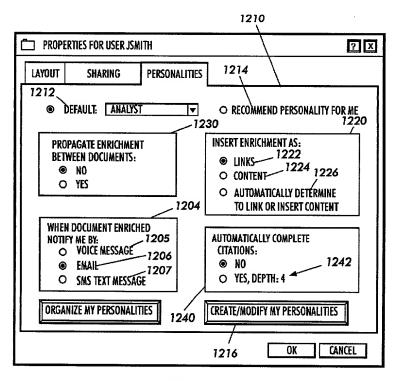
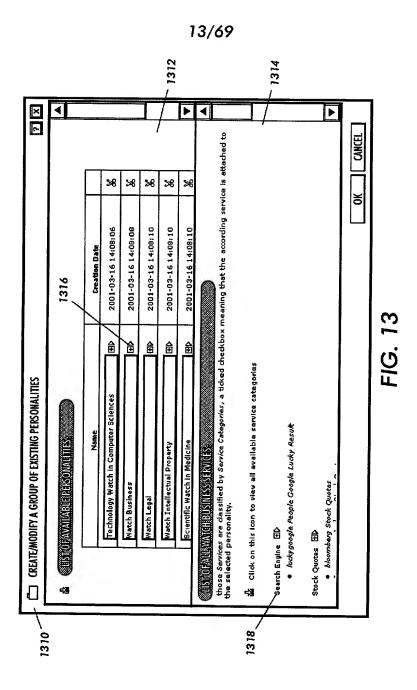
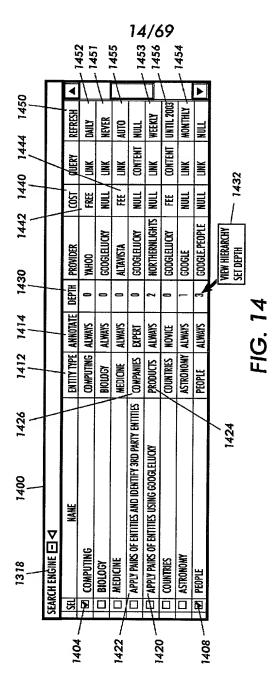


FIG. 12





	1502	
CRE	ATE/MODIFY MY PERSONALITIES	? X
NAA	ME: BROWSE 1504	
•	CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES 1506	
0	USE SELECTED DOCUMENTS AND/OR FOLDERS TO CREATE A NEW PERSONALITY BROWSE 1509	- 1508
0	USE SELECTED FILE/WEBSITE TO CREATE A NEW PERSONALITY BROWSE	1510
0	CREATE QUESTION FORM USING PERSONALITY LEXICONS QUESTION:	1520
1	NOWLEDGE ® NOVICE LEVEL: ○ EXPERT 1512 OK CANCE	iL]

FIG. 15

1600
CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES
NAME: TECHNOLOGY WATCH IN ORGANIC CHEMISTRY OPERATION: MERGE 1602 SUBTRACT 1604 PERSONALITY A WITH/FROM
PERSONALITY B ▼ OK CANCEL

FIG. 16

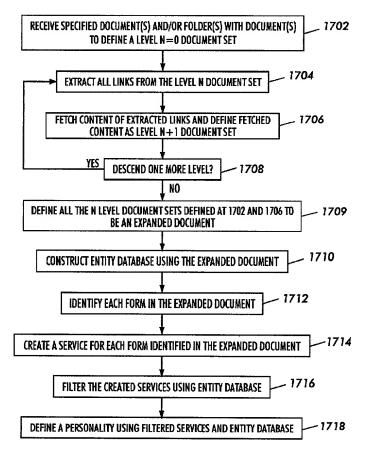
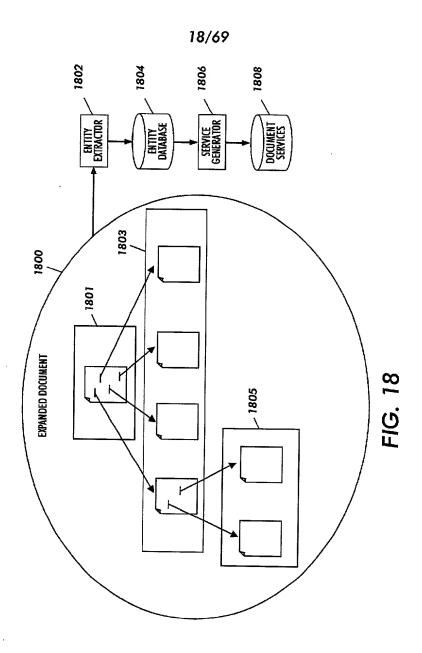


FIG. 17



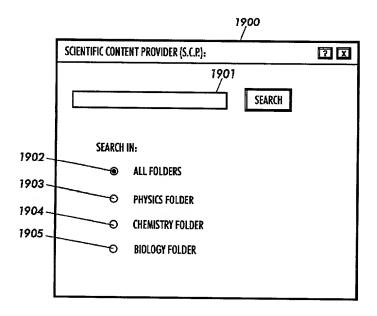


FIG. 19

اقا	SCIENTIFIC SEARCH 🗖 ◀								П
SEL	NAME	ENTITY TYPE	ENTITY TYPE ANNOTATE DEPTH	DEPTH	PROVIDER	TSOO	QUERY	REFRESH	▼
D	ECT ALL FOLDERS RESULT OF SCIENTIFIC CONTENT PROVIDER STANDARD ALMAYS	STANDARD	ALWAYS	0	S.C.P.	FREE	CONTENT NULL	NULL	
	PHYSICS RESULT OF SCIENTIFIC CONTENT PROVIDER	PHYSICS	ALWAYS	0	S.C.P.	FREE	CONTENT	MIL	
	CHEMISTRY RESULT OF SCIENTIFIC CONTENT PROVIDER CHEMISTRY ALWAYS	CHEMISTRY	ALWAYS	-	S.C.P.	푎	CONTENT	NULL	
	BIOLOGY RESULT OF SCIENTIFIC CONTENT PROVIDER	BIOLOGY	ALWAYS	0	S.C.P.	FREE	CONTENT NULL	NUL.	Þ
	2002	/ 2004							
		H	FIG. 20	Õ					

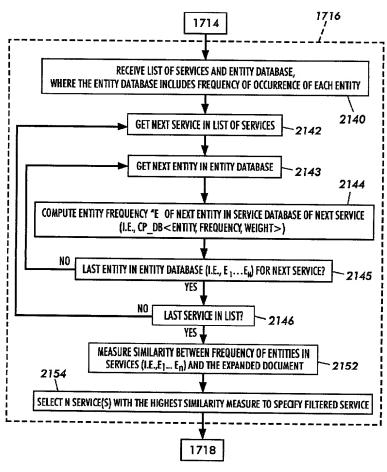


FIG. 21

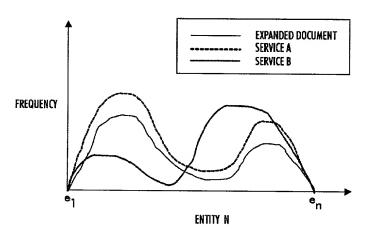


FIG. 22

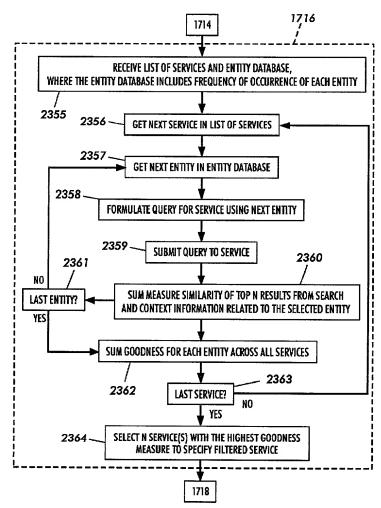


FIG. 23

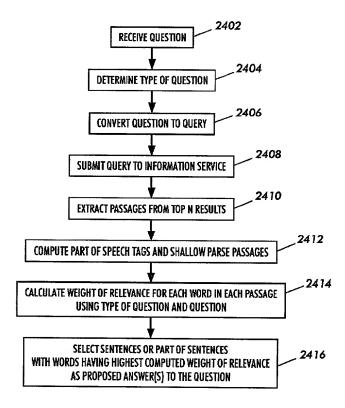


FIG. 24

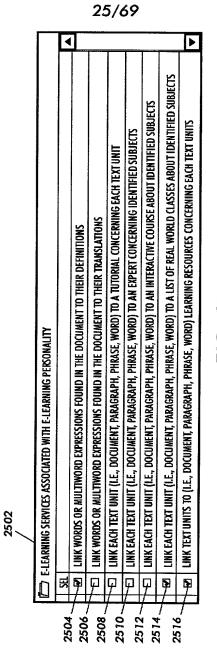


FIG. 25

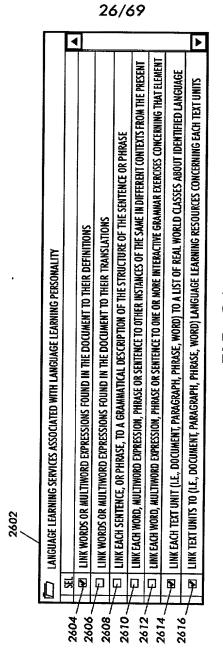


FIG. 26

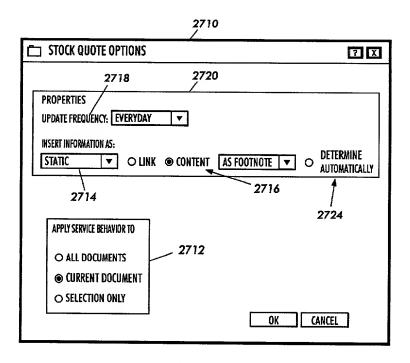
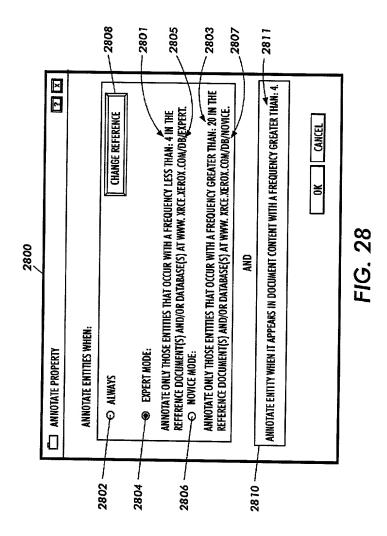


FIG. 27

28/69



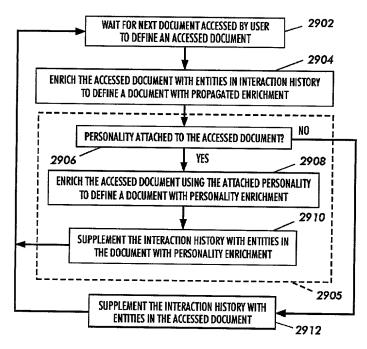


FIG. 29

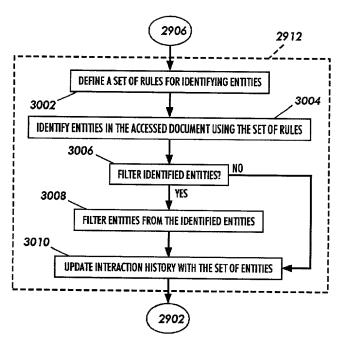
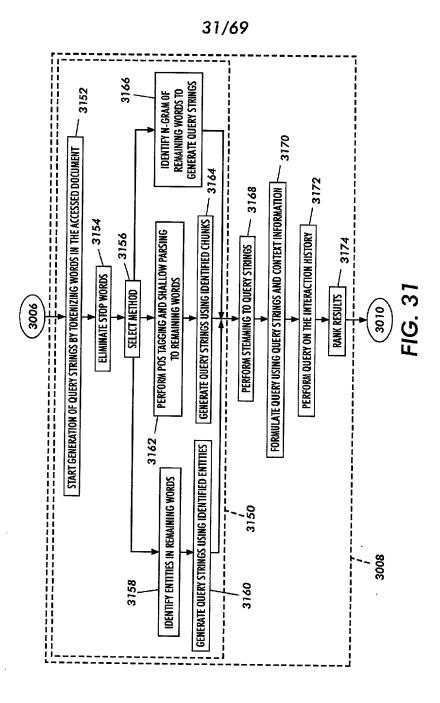
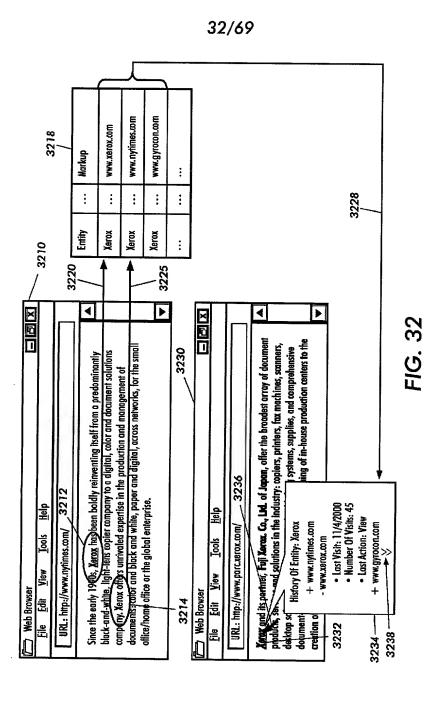


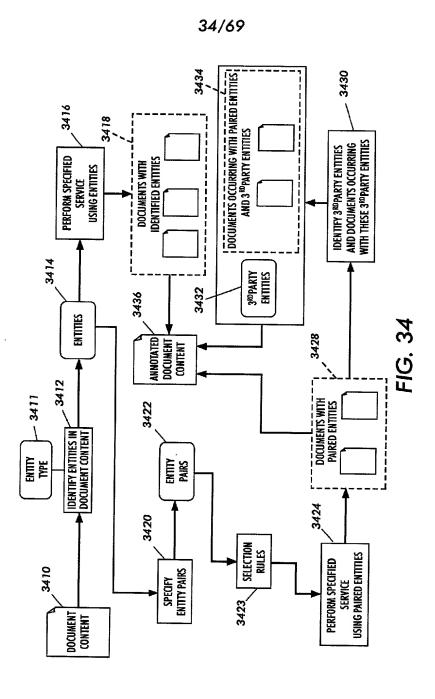
FIG. 30

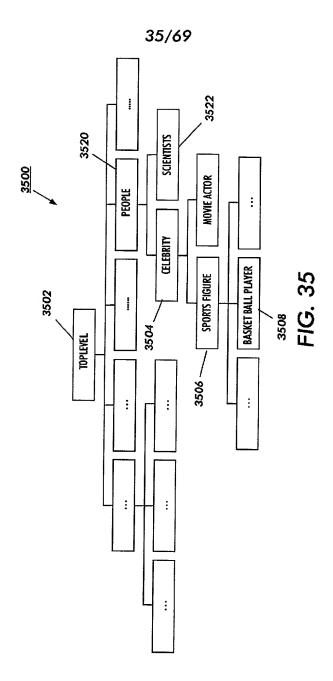


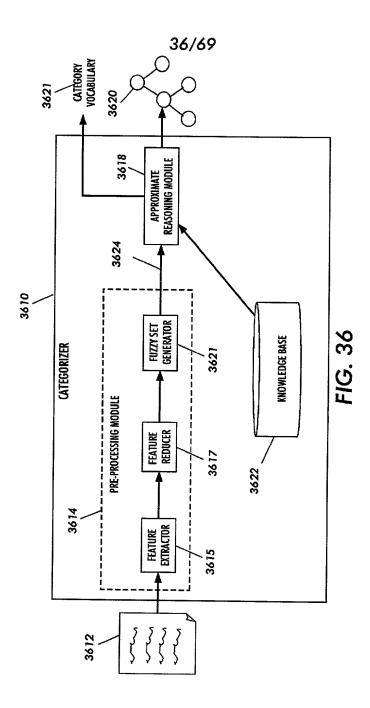


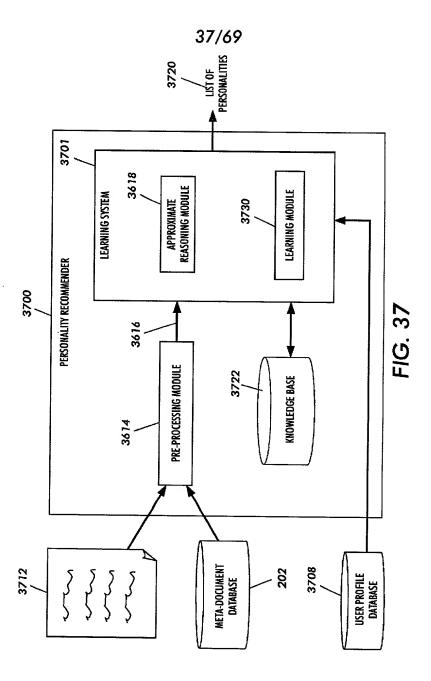
					3218			
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XEROX	BUSINESS	45	11/4/2000	VIEW (43), PRINT(2)	BUSINESS	9	NOON	WWW.XEROX.COM
XEROX	BUSINESS	_	1/2001	VIEW(1)	FINANCE	689	NOON	WWW.NYTIMES.COM
XEROX	BUSINESS	4	1002/22/2	EMAIL(1), VIEW(3)	COMPUTER	343	NOON	NOUN WWW.GYROCON.COM
:	•	:	:		:	:	:	•

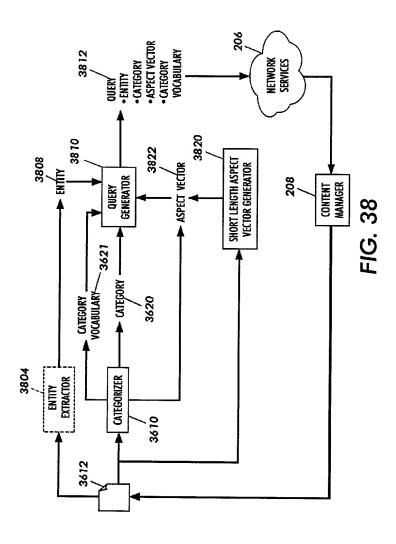
-1G, 33

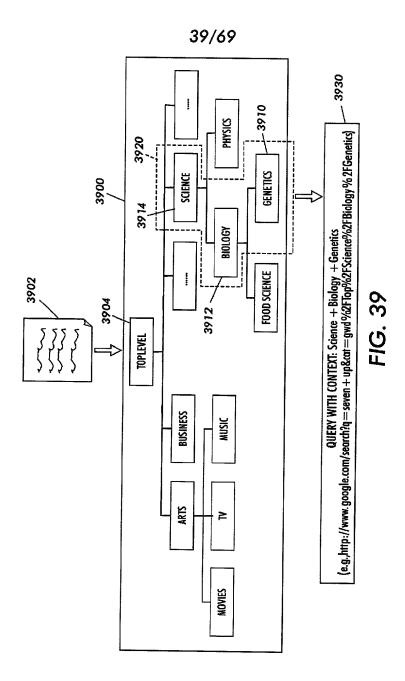


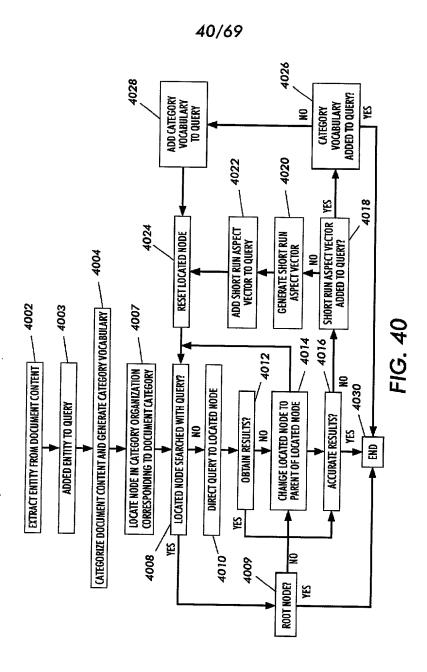


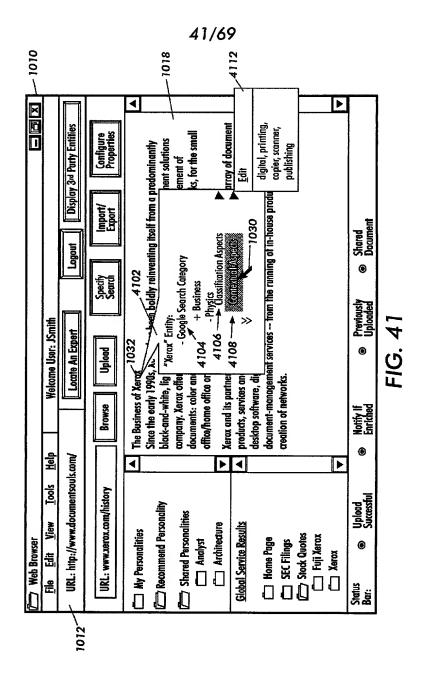


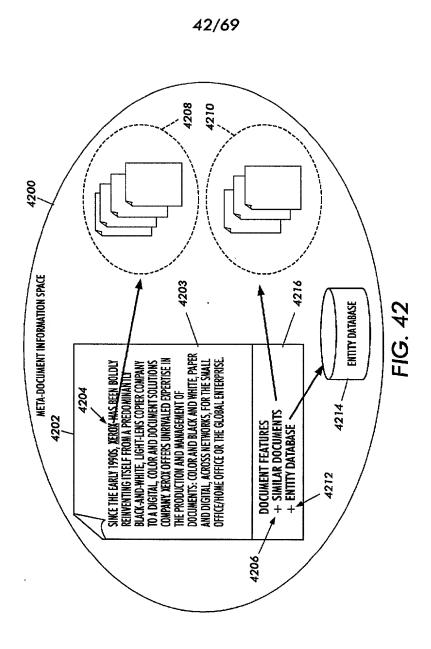




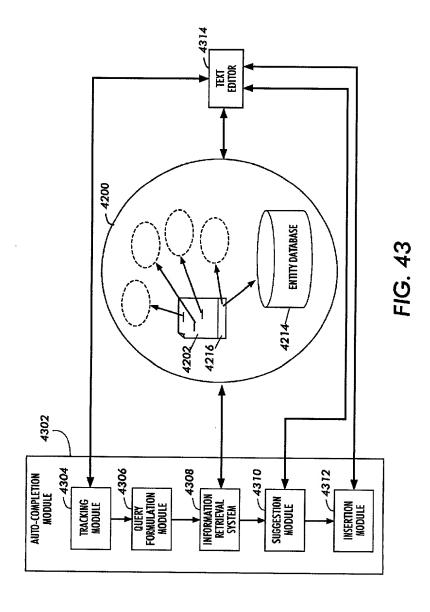


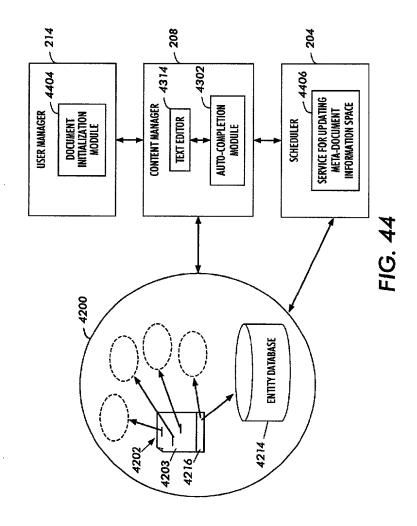


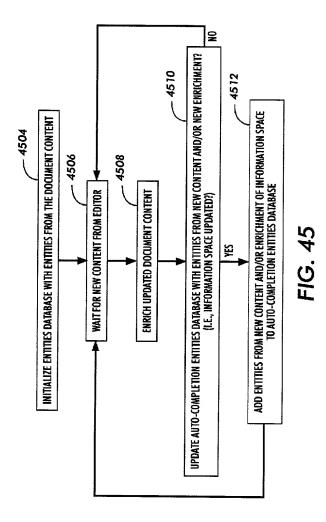












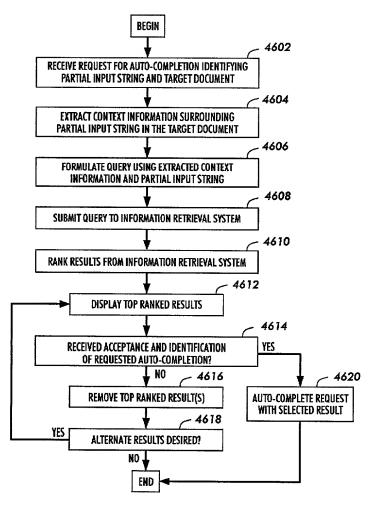
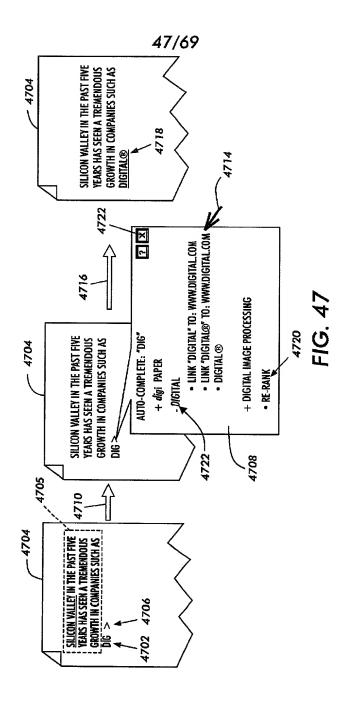


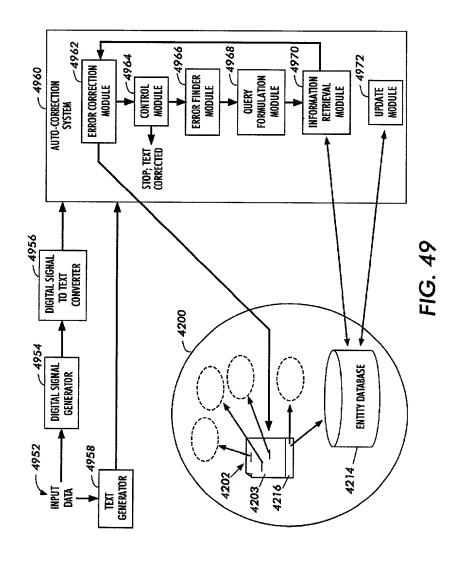
FIG. 46

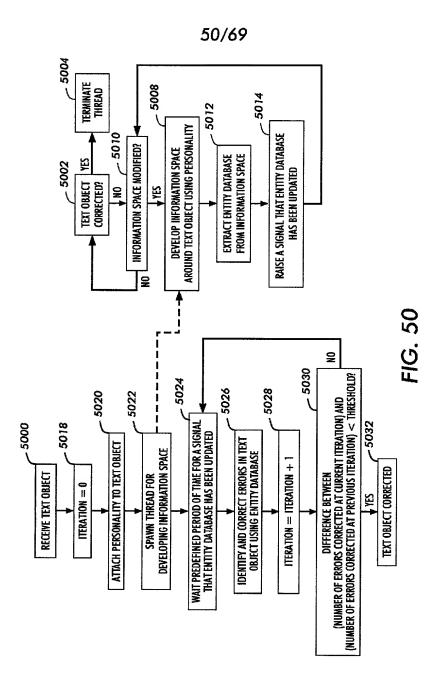


4	8	/	6	9

(A) KEY	(B) ENTITY	(C) MARKUP	(D) FORMAT	(E) ORIGIN	(F) ORIGIN Position	(G) PART OF SPEECH	(F) ORIGIN (G) PART OF (H) CONTEXT POSITION SPEECH
Sili	Silicon Valley	www.siiconvalley.com Capitalize	Capitalize	TARGET DOCUMENT CONTENT	_	Noun	Science
Dig	Digital	www.digital.com	®	www.digital.com	434	Adjective	Science
Dig	DigiPaper	NONE	Bold	www.parc.xerox.com	23	Noun	Science
Dig	digress	NONE	NONE	www.nytimes.com	343	Verb	Politics
÷	•••	:	•••	•••	÷	•	:

⁻1G. 48





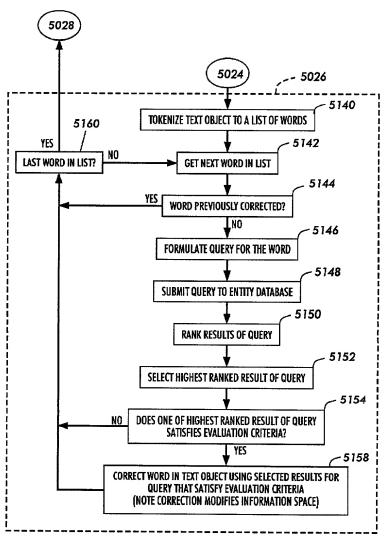
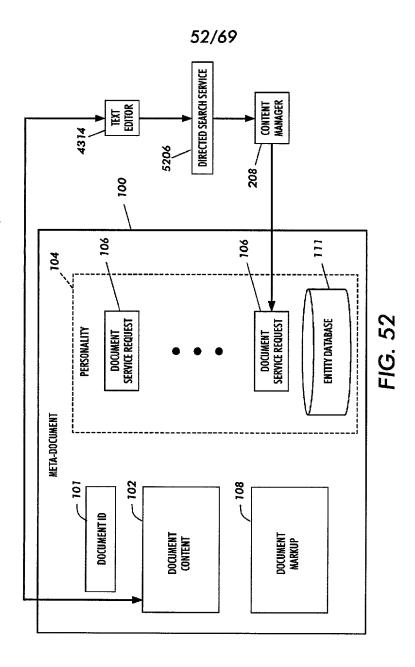


FIG. 51



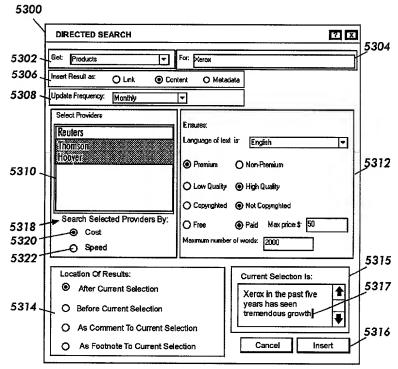


FIG. 53

quality='Premium&High&Not-copyrighted&paid' cprovider name='Thomson' id=18>/provider> cprovider name='Reuters' id=19>/provider> 5400 <offsets>13 18 456 461 710 715</offsets> insert='Content' maxwords='2000' search='cost'> <service id='Products' maxprice='50' language='En' refresh=30 <entity>Xerox </entity> </service>

FIG. 54

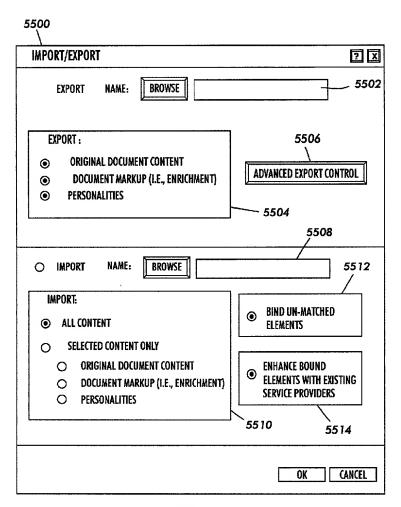


FIG. 55

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<docsouls:browsingdoc format="HTML">browse.html</docsouls:browsingdoc>
                                                                                                                                                                                                                                                                                                      <docsouls:originaldoc format="HTML">toto.html</docsouls:originaldoc>
                               <docsouls:serverid> DS v1.0 server name </docsouls:serverid>
                                                                                                                                                                                                                                                                                                                                                                                                                      <!- LIST OF PERSONALITIES AND DOCUMENT SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <docsouls:personality id = " " name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <docsouls:service id="" name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <docsouls:provider name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <docsouls:provider name="" etc.>
                                                                                                            <docsouls:docid> xxx </docsouls:docid>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <docsouls:provider name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       <docsouls:service id="" name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <docsouls:provider name="" etc.>
                                                                                                                                                    <docsouls:name> xxx </docsouls:name>
                                                                                                                                                                                                                                                                    <!-- ORIGINAL DOCUMENTS DOCUMENT CONTENT>
                                                                                                                                                                                         <docsouls:owner> xxx </docsouls:owner>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <!-- LIST OF SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       </docsouls:endowmentdescription>
                                                                    <!- PROPERTIES OF DOCUMENT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <!-- LIST OF PERSONALITIES>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <docsouls:endowmentdescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     </docsouls:service>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <docsouls:personality>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            </docsouls:service>
<!- SERVER ID>
```

FIG. 56

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<docsouls:servicestatus status="mapped" originalid="" originalserver="">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <!-- list ServerId if the service was not available on current server>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               fields (e.g., "refresh period", category, etc.)>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <!-- list status of services (original, frozen, mapped, etc.)>
                                                                                                          <!-- all the fields AND service categories>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <docsouls:serverid>id</docsouls:serverid>
                                                                                                                                                                                                                                                                                                                                                                               <!- DESCRIPTION OF DOCUMENT SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <docsouls:provider id="" name = "">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <!- NEXT SERVICE REQUESTS DESCRIPTION>
                                                                                                                                                 <docsouls:servicecategory id=""</pre>
                                                                           <docsouls:id> xx </docsouls:id>
                                                                                                                                                                                                                                                                                                                                                                                                                                                           <docsouls:id> xx </docsouls:id>
                                                                                                                                                                                         </docsouls: personalitydescription>
<!- DESCRIPTIONS OF PERSONALITIES>
                                    <docsouls:personalitydescription>
                                                                                                                                                                                                                                                                    <!- NEXT PERSONALITY DESCRIPTION>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        </docsouls:servicedescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <!-- list all strategies>
                                                                                                                                                                                                                                                                                                                                                                                                                   <docsouls:servicedescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      <!-- list all providers>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  <!-- list all
```

FIG. 57

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<!- OTHER RESULTS (E.G. KEYWORDS, CATEGORIES, ETC. >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <docsouls:content> xxx </docsouls:content>
                                                                                          <!-- all the fields e.g. key, URL, etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       <docsouls:link> xxx </docsouls:link>
                                                                                                                                                                                                                                                                                     <!-- all the fields, e.g. category>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <docsouls:globalservice id="Summary">
                                                                                                                                                                                                                                                         <docsouls:id> xx </docsouls:id>
                                                                 <docsouls:id> xx </docsouls:id>
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                                                                                                                           </docsouls: providerdescription >
                                                                                                                                                                                                                                                                                                                   </docsouls:dictionarydescription>
                                                                                                                                                                                            <!- DESCRIPTION OF DICTIONARIES>
                                                                                                                                                                                                                      <docsouls:dictionarydescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <!- RESULTS OF GLOBAL SERVICES >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            </docsouls:strategydescription>
                              <docsouls:providerdescription>
                                                                                                                                                                                                                                                                                                                                                                                                                <docsouls:strategydescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <!-all the dictionaries>
<!- DESCRIPTION OF PROVIDERS>
                                                                                                                                                                                                                                                                                                                                                                                    <!- DESCRIPTION OF STRATEGY>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      </docsouls:globalservice>
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<!-- LIST OF OFFSETS WHERE ENTITY IS FOUND IN TEXT RELATIVE TO SECTION >
<!- (OPTIONAL) DESCRIPTION OF ENRICHMENT PERFORMED AT OTHER DOCUMENT ENRICHMENT</p>
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                                                                                                                                                                 <docsouls:servicedescription>...</docsouls:servicedescription>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <!- STATUS OF SERVICE APPLIED ("ACTIVE" OR "FROZEN") >
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <!-- CONTENT INFORMATION</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <!-- LINK INFORMATION >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         <!-- NORMALIZED FORM >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         <!-- DICTIONARIES >
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          < i -- ENTITY>
```

FIG. 58B

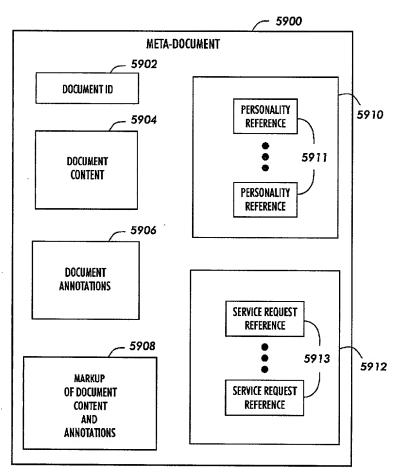


FIG. 59

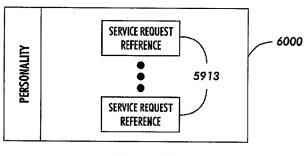


FIG. 60

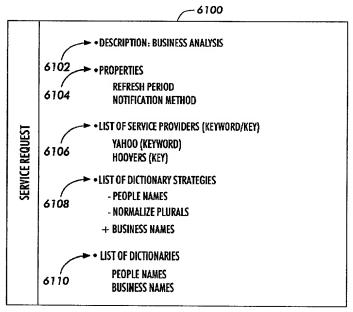
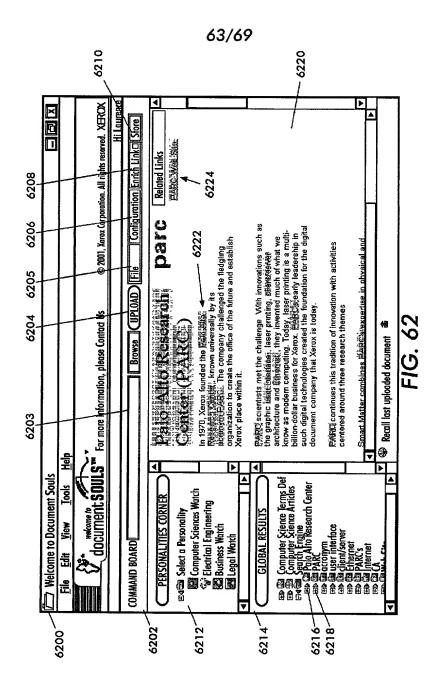
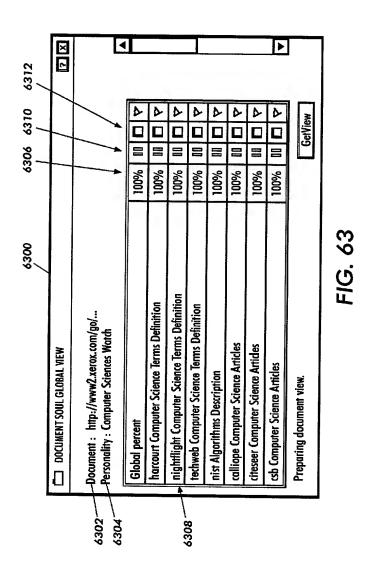
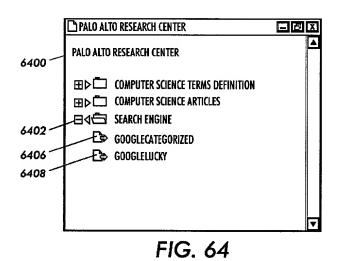


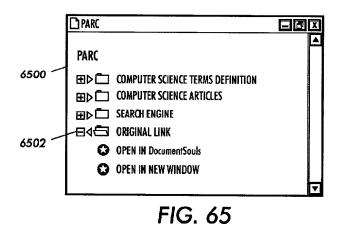
FIG. 61



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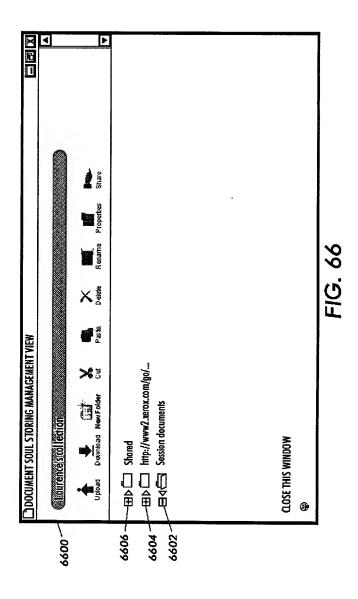




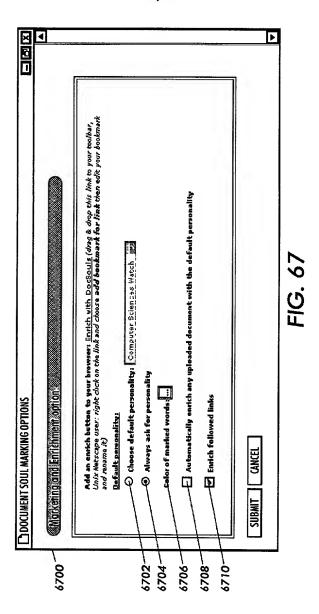


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